

C6.3 Drilled shafts

C6.3.4 Analysis and design

2011 ~ Grooving of Drilled Shaft Rock Sockets

Whether grooving of the sidewalls of a rock socket is appropriate depends on the hardness of the rock. If the rock is soft, grooving is required; if the rock is hard, grooving is not feasible. Because grooving inadvertently was not specified for a few projects with soft rock sockets, the Office of Construction requested a specification change to make grooving (rather than not grooving) the standard. Thus, for hard rock sockets, the designer will need to include a note on the plans to omit grooving. The Soils Design Section will determine the need for grooving and provide the decision to the designer. All rock sockets, whether grooved or not, are intended to be brushed.